

**Table 1. Top ten authors by number of publication on dental caries, 2014–2018**

Position	Author	Author's country	Number of Publications	Average citations by publication	Number of publications as main author
1	Paiva, SM	Brazil	33	7	2
2	Schwendicke, F	Germany	29	10	4
3	Twetman, S	Denmark	29	7	0
4	Lo, ECM	Hong Kong	24	6	4
5	Mendes, FM	Brazil	23	4	2
6	Paris, S	Germany	23	9	0
7	Frencken, JE	Netherlands	22	4	2
8	Ramos-Jorge, ML	Brazil	19	4	3
9	Lingstrom, P	Italy	19	3	0
10	Thomson, WM	Germany	19	7	2

Source: by the authors

**Table 2. Distribution of the 10 scientific journals with the most publications on dental caries, 2014–2018**

Position	Journal title	N	Impact factor	Magazine theme
1	Caries Research	176	2,18	Caries and related diseases
2	BMC Oral Health	172	1,60	Miscellaneous Dentistry
3	Community Dentistry and Oral Epidemiology	120	1,99	Miscellaneous Dentistry and Medicine
4	Journal Of Dentistry	110	3,77	Miscellaneous Dentistry
5	Journal Of Dental Research	98	5,38	Miscellaneous Dentistry
6	Clinical Oral Investigations	86	2,38	Miscellaneous Dentistry
7	International Journal of Paediatric Dentistry	72	1,38	Miscellaneous Dentistry
8	Pediatric Dentistry	63	1,77	Miscellaneous Dentistry
9	Community Dental Health	61	0,93	Miscellaneous Dentistry
10	Archives Of Oral Biology	59	2,05	Miscellaneous Dentistry and Medicine

Source: by the authors

**Table 3. The 10 most productive institutions with publications on dental caries, 2014–2018**

Position	Institution	Country	Number of publications
1	Univ São Paulo	Brazil	91
2	Univ Copenhagen	Denmark	56
3	Univ Calif San Francisco	USA	52
4	Univ Adelaide	Australia	51
5	Univ Gothenburg	Sweden	48
6	Univ Fed Rio Grande do Sul	Brazil	47
7	Kings Coll London	England	46
8	Univ Hong Kong	Hong Kong	46
9	Univ Iowa	USA	44
10	Univ Washington	USA	43

*Source: by the authors*

**Table 4. The 10 most cited publication in relation to dental caries, 2014–2018**

Number	Title of article	Author(s)	Country of main autor	Journal and impact factor	Year of publication	Citations	Average citations per year	Topic of article
1	Global Burden of Untreated Caries. A Systematic Review and Metaregression Effect on Caries of Restricting Sugars Intake. Systematic Review to Inform WHO Guidelines	N.J. Kassebaum, E. Bernabé, M. Dahiya, B. Bhandari, C.J.L. Murray, W. Marcenes	USA	Journal of Dental Research (5.380)	2015	191	64	Data on untreated caries from 1990 to 2010 worldwide.
2	Restricting Sugars Intake. Systematic Review to Inform WHO Guidelines	P.J. Moynihan, S.A.M. Kelly,	United Kingdom	Journal of Dental Research (5.380)	2014	176	44	Relationship between sugar intake and dental caries
3	Socioeconomic Inequality and Caries. A Systematic Review and Meta-Analysis	F. Schwendicke, C.E. Dörfer, P. Schlattmann, L. Foster Page, W.M. Thomson, S. Paris	Germany	Journal of Dental Research (5.380)	2015	112	37	Socioeconomic inequity and dental caries
4	Caries risk assessment. A systematic Review	I. Mejåre,S; Axelsson,G; Dahlén,I; Espelid,A; Norlund,S; Tranæus. S. Twetman	Sweden	Acta Odontologica Scandinavica (1.522)	2014	56	14	Evaluation of multivariate models for understanding the development of caries.
5	Diet and Dental Caries. The Pivotal Role of Free Sugars Reemphasized	A. Sheiham, W.P.T. James,	United Kingdom	Journal of Dental Research (5.380)	2015	54	18	Sensitivity of cariogenesis. The response to sugar consumption.
6	Oral Microbiome Metabolism From "Who Are They?" to "What Are They Doing?"	N. Takahashi,	Japan	Journal of Dental Research (5.380)	2015	53	18	Metabolism of the oral microbiome
7	Abundance of MMPs and Cysteine Cathepsins in Caries-affected Dentin	C.M.P. Vidal, L. Tjåderhane, P.M. Scaffa, I.L. Tersariol, D. Pashley, H.B. Nader, F.D. Nascimento, M.R. Carrilho	Brazil	Journal of Dental Research (5.380)	2014	46	12	The presence of Metalloproteinases (MMO) and Catepsin in cavitated lesions.
8	The Ethical Imperative of Addressing Oral Health Disparities. A Unifying Framework	J.Y. Lee, K. Divaris	USA	Journal of Dental Research (5.380)	2014	45	11	Disease burden
9	Sugar-sweetened beverages and dental caries in adults: A 4-year prospective study	Eduardo Bernabé, Miira M.Vehkalahti, Aubrey Sheihame, Arpo Aromaa, Anna L.Suominen	United Kingdom	Journal of Dentistry (3.770)	2014	37	9	Association between the consumption of sugary drinks and dental caries
10	The Microbiome in Populations with a Low and High Prevalence of Caries	Johansson, I.; Witkowska, E.; Kaveh, B.; Holgerson, P. Lif; Tanner, A. C. R.	Sweden	Journal of Dental Research (5.380)	2015	36	12	Microbiome dependent on the prevalence of cavities

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